

## A CATALOGUE OF OREGON COCCINELLIDÆ\*

BY BORYS MALKIN

The present list contains 78 species and 15 varieties of Coccinellidæ from Oregon, a total of 93 forms. It may be considered as a fairly good representation of Oregon "ladybird" beetles when compared to other local lists from the coleopterologically well-explored states. Thus, from New York state<sup>1</sup> 95 forms are listed, from Washington 70 and from North Carolina 72.

The arrangement of this catalogue is rather conservative and practically no attempt has been made to revise any group although I feel that the position of several species, particularly in the genus of *Scymnus*, will be changed and some of these will undoubtedly be degraded to varietal or even lesser rank. I contend, however, that such changes prior to any publication of the findings will result in confusion; therefore, as inadequate as it may be, Casey's arrangement of the genus has been followed.

The following collections have been examined: Oregon State College in Corvallis which contributed 70 forms, Mr. L. G. Gentner of Medford (24), Mr. and Mrs. Kenneth Fender (62), Mr. J. Shuh of Corvallis (62), Mr. James Baker (42), Forest Insects Station in Portland (12), Filbert Agricultural Experiment Station in Eugene (6), and that of the author (36). In addition Mr. F. T. Scott of Visalia, California, has kindly sent me a list of Coccinellidæ records in his collection, totaling 46 forms, and Mr. L. P. Rockwood a list of 30 species in the collection of the Agricultural Experiment Station in Forest Grove. I am also indebted to several friends for many specimens, particularly to Dr. Lawrence Townsend, a government ichthyologist in Eugene, to Mr. William Buell, a student at the University of Oregon, and to Dr. L. L. Jones of the University Zoology Department.

Records followed by: (S) are those of Mr. Scott's collection,

\* This paper was prepared in the Zoological Laboratory of the University of Oregon, 1942.

<sup>1</sup> Cornell Univ. Agr. Exp. Sta. Mem. 101, Aug., 1926. Coleoptera, pp. 203-520. Supplements to the same: Cooper 1935, Malkin 1941, Malkin in MS.

by: (FS), from the collections of all Agricultural Stations in Forest Grove.

The list is considered to some extent as supplementary to the existing lists of northwestern "ladybird" beetles<sup>2,3</sup> and to the monograph of Washington species which is being prepared by Dr. M. H. Hatch.

10873. *Hyperaspis montanica* Csy. Harney Co. (S), Baker (S). (Dobz. 1941, l.c., p. 17.)

10874. *H. lateralis* Muls. Baker VI, Baker Pine Creek IV.

10875. *H. lateralis wellmani* Nun. Albert Lake VIII, Chewacuan River nr. Redmond VII, Summit Prairie, Paulina Lake VII, Silver Lake VIII, 13 m. e. of Juntura, el. 3000, from *Solidago*, Fort Rock VI, Ontario (S).

10883. *H. fastidiosa* Csy. Harney Co. (S).

10900. *H. taeniata* Lec. Harnet Co. (S). (Dobz. 1941, l.c. p. 44.)

10903. *H. nevadica* Csy. Redmond VII, VIII, Hart Lake VIII, Umatilla VII.

10905. *H. dissoluta* Cr. Redmond V, VIII.

10906. *H. dissoluta coloradana* Csy. (Dobz. 1941, l.c., p. 59.) The record cited is probably erroneously labeled; the occurrence of the species in Oregon is doubtful.

10916. *H. postica* Lec. Tumalo VIII, Bend VII, VIII, near Mist VI, Deschutes River nr. Redmond VII, Grizzly Butte VIII, 14 m. e. of Mitchell, McMinnville, Baker Creek, Woods, Diamond Lake VI.

———. *H. sp. nr. postica* Lec. Scappoose IV, V.

10917. *H. nunenmacheri* Csy. Chewacuan River nr. Valley Falls VIII. (Dobz. 1941, l.c., p. 40.)

10918. *H. oculaticauda* Csy. (Dobz. 1941, l.c., p. 41.)

10919. *H. effeta* Csy. (Dobz. 1941, l.c., p. 42.)

10930. *H. undulata* Say. 14 m. e. of Sisters.

———. *H. obscura* Malkin. Lake of the Woods (type), Diamond Lake.

10934. *H. annexa* Lec. Davis Ranch.

<sup>2</sup> Hatch, M. H. 1939. "Preliminary list of Coleoptera of Washington." Univ. Wash. Publ. Mimeographed. pp. 23-24.

<sup>3</sup> Dobzhansky, Th. 1935. "A list of Coccinellidæ of B. C." Jour. N. Y. Ent. Soc., Vol. XLIII, pp. 331-336.

- . *H. sp. nr. annexa* Lec. Union.
10935. *H. revocans* Csy. Redmond VII.
- . *H. oregona* Dobz. Harper VII (S), Harney Co. (S).  
(Dobz. 1941, l.e., p. 76.)
- . *H. oregona borealis* Dobz. Cornelius IV.
10972. *Brachyacantha ursina* (Fab.). Redmond VI, Durkee VI.
10999. *Stethorus picipes* Csy. Medford IX, Talent I, Eagle Point X, Bear Springs V, X, Portland VII from *Pinus ponderosa*.  
*Malkin.*
- 11013b. *Scymnus harmorrhous laurenticus* Csy. Redmond IV, Lake Malheur VI, Davis Ranch.
11020. *S. marginicollis* Mann. Western Oregon, also Wasco Co., Lake Co., Wallowa Co., Deschutes Co. The most common representative of the genus in the state.
11044. *S. humboldti* Csy. Bear Springs V, Wallowa Lake VI.
11049. *S. blaisdelli* Csy. Ochoco N.F. VI, Bear Springs V, VI, Blue Mts. (S).
11052. *S. ardelio* Horn. 22 m. sw. of St. Helens V, Silver Lake VIII, Chewacuan River nr. Valley Falls VIII, Goble V, Valley Falls VIII, Bear Springs V, VI, Ochoco N.F. VI, Baker Pine Creek VI, Wallowa Lake VI, Camas Valley VI.
11058. *S. weidti* Csy. Bear Springs V, Malheur Lake VI.
11067. *S. calaveras* Csy. McMinnville V, Nimrod VII.
11060. *S. lacustris* Lec. Bear Springs V, VI, McMinnville V, Baker Creek V, Talent VI, Summit Prairie VII, VIII, 22 m. sw. of St. Helens V, Mosur V, Summer Lake VI, 5 m. s. of Dufur VI, Sisters, VI, Milton-Lincoln Mts. VI, VII, Suttle Lake VII, Deschutes River nr. Redmond VII, Goble IV, Weston VII, Paulina Lake VII, Corvallis.
11076. *S. coniferarum* Cr. Diamond Lake VI.
11079. *S. nanus* Lec. 10 m. s. of Dalles V, Deschutes River nr. Redmond VII.
11082. *S. americanus* Muls. Redmond IV, 20 m. w. of St. Helens VI.
11083. *S. caurinus* Horn. Goble V, Prineville VII, Summit Prairie VIII, 22 m. w. of St. Helens V, Redmond IV, Weston

IV, Harper VIII, Valley Falls VIII, Bear Springs, V, Baker Creek VII, McMinnville X, Camas Valley VI, Portland V, Forest Grove VI, Eugene VI, Nimrod VII.

11084. *S. nevadensis* Ws. Corvallis, Forest Grove V, Camas Valley VI.

———. *S. fenderi* Malkin. Camas Valley (type).

11088. *S. phelpsi* Cr. Corvallis VII, Vernonia IV, St. Helens IV, Forest Grove VII (FS), Cave Junction (S), McMinnville III, V, Portland, Dayton, Devil's Lake, in Lincoln Co., Bear Springs, Eugene, Spencer's Butte, 5 m. s. of Eugene, 900–2000 ft. IV–IX, Springfield V, Marchfield VIII. From *Quercus garryana* and *Q. californica*.

———. *S. strenuus* Csy. McMinnville, Redmond IV, VI, VIII, Goble IV, 10 m. w. of Bend, Chewacuan River nr. Valley Falls VIII, Sand Creek, el. 4700, VII, Weston-Lincoln Mts. VII, Mosier, V, Scappoose V, Valley Falls VIII, Parkdale V, Forest Grove IV–V, 27 m. e. of Prineville VII, Summit Prairie VII, 5 m. s. of Dufur VI, Corvallis V.

———. *S. sp. nr. subsimilis* Csy. Medford VII.

11141. *Scymnillus aterrimus* Horn. (Leng, l.c., p. 214.)

11150. *P. vigintimaculata borealis* Csy. Corvallis III, V, Scappoose VII, Seio VIII, Parkdale V, Summit Prairie VIII, 20 m. w. of St. Helens VI, Cornelius V, Deschutes River nr. Redmond VII, 27 m. e. of Prineville, Weston IV, Vernonia IV, Forest Grove VI (FS), VII, Medford VII, Rainier IV, Hood River VI, Baker-Marble Creek V, Samis Valley V, Clackamas VII, Eugene IV–VIII, X. This form is just an aberration of *P. vigintimaculata*. *Pinus contorta* and *Picea engelmani*.

11150d. *Psyllobora vigintimaculata tadata* Lec. Western Oregon up to 2800 ft.; also Sherman Co. III–VIII. Often on *Pinus contorta*.

11154. *Anisostica bitriangularis* Say. Corvallis, Portland VI, Gaston V, Forest Grove V (FS), McMinnville, Scappoose IV, Grant Co. (S), Baker.

11159. *Ceratomagilla vittigera* Mann. Generally in Eastern Oregon on high altitudes. Counties: Jackson, Lake, Union, Baker, Grant, Malheur and Klamath.

11162. *Hippodamia tibialis* (Say). Forest Grove IV (FS),

Corvallis IV, X, Portland V, Santiam N.F., Hillsboro (FS), Yamhill (FS), Blue Mts. (S), Dayton, McMinnville.

11163. *H. parenthesis* (Say). Corvallis V, VII, VIII, X, Blue Mts. (S), Crater Lake VII, Forest Grove VII, Eugene IV, V.

11164. *H. lunatomaculata* Mots. Counties: Washington, Yamhill, Benton, Lincoln, Polk, Columbia, Linn, Douglas, Grant, Baker, Wallowa, Umatilla, Harney, Deschutes. From March to August.

11164a. *H. lunatomaculata apicalis* Csy. Generally distributed throughout the state. From January to August. Taken by the writer on Mt. Hood at the altitude of 9700 ft. on snow.

11165a. *H. sinuata spuria* Lec. Very common throughout the state all year. Hibernates in great numbers often in company of *H. convergens*, sometimes *H. sinuata disjuncta* and *H. sinuata complex*.

19761. *H. disjuncta* Timb. Redmond IV, Union, Juntura VII, Prairie City, Chewacuan River nr. Valley Falls VIII, Crater Lake VI, Eugene VII, Baker. According to Rockwood (in correspondence), this species is common throughout the eastern portion of the state.

11165b. *H. disjuncta complex* Csy. McMinnville, Amity, Charleston V, Eugene and Spencer's Butte up to 2050 ft., IV-V, IX.

11170. *H. oregonensis* Cr. Mt. Hood (S), Cloud Cap Inn, 6000-7000.

11173. *H. convergens* Guér. Generally in all parts of the state.

11174. *H. lecontei* Muls. Chewacuan River nr. Redmond V, Vale VIII, Union, Blue Mts. (S), Newbridge, East of the Cascades (FS), Owahee Dam.

11174a. *H. lecontei casei* John. Cornucopia, 6000-7200 ft., VII, Grant Co., 7700 ft., VII, Wallowa Lake-Aneroid Trail, 6200, VII, Anthony Lake-Blue Mts., 7100-7850, VIII, Enterprise VI (FS), Hermiston V (FS), Baker VI (FS), Athena (S).

11174d. *H. lecontei uteana* Csy. Mt. Hood VIII.

11175. *H. quinquesignata* Kby. Anthony-Dutchluff Trail, 7100-7850, Blue Mts. VIII, Crater Lake VII, Chewacuan River nr. Redmond VII.

- 11175a. *H. quinquesignata puncticollis* Csy. Blue Mts. (S).  
 ———. *H. quinquesignata obliqua* Csy. Western part of the state. Mt. Hood.
11177. *H. mæsta* Lec. Corvallis, Parkdale VII, Sherwood, Dayton, Portland, "on cut leaf birch" (*Shuh*), "Oregon" (S).
- 11177a. *H. mæsta bowdithi* John. Wallowa River Canyon, Wallowa Co. VII, Baker X, Baker Co. (S), La Grande VIII, Crater Lake VII.
- . *H. washingtonia* Timb. Tollgate Road, Blue Mts. VII (S), Motte T. R. Station, Blue Mts. (S).
- 11184a. *Coccinella novemnotata degener* Csy. Fossil (FS), La Grande (FS), Ontario (FS), Junction City (FS), Manzanita (FS).
- . *C. johnsoni* Csy. (Dobz. 1931, l.e., p. 14.)
- . *C. prolongata* Cr. Echo 640 ft., Whitman N.F., Summer Lake VI, 10 m. w. of Bend VII, Redmond VII.
- . *C. californica* Mann. Very common in the Willamette River Valley, also Wasco Co. V–X (Dobz. 1931, l.e., p. 13). Often found in the sea drift. Taken by the writer from *Pinus ponderosa*.
11185. *C. transversoguttata* Fald. Generally distributed throughout the state up to 8000 ft.
- 11185b. *C. transversoguttata nugatoria* Muls. (Dobz. 1931, l.e., p. 17), the only specimen examined was from Dayton.
- . *C. nivicola monticola* Muls. North Powder VI (FS), Union VI (FS), Baker VI (FS).
- . *C. nivicola alutacea* Csy. Counties: Baker, Malheur, Union, Lake, Umatilla, Klamath (Odell), Deschutes, Benton, Crook, Wasco, Jackson, Douglas.
- . *C. difficilis* Cr. Lake of the Woods, Juntura VI, Ochoco N.F., Mt. Hood VII, el. 9200.
11181. *C. trifasciata* L. Corvallis IV–VI, XII, Mary's Peak VII, Crescent Lake, Blue Mts. (S), Medford, Baker VII, Baker Pine Creek. This species replaces *C. perplexa* Muls. This form and the two following varieties taken by the writer from *Pinus contorta*, *P. ponderosa*, *Tsuga heterophylla*, *Picea engelmani*.
- 11181a. *C. trifasciata eugenii* Muls. Devil's Lake (in Lincoln Co.) IV, Boyer, McMinnville, Eugene VI, Spencer's Butte IV, Springfield V. Also in Dobz. 1931, l.e., p. 25.

11181b. *C. trifasciata juliana* Muls. "Oregon" (S), Devil's Lake (in Lincoln Co.), Corvallis, McMinnville, Eugene VI, Spencer's Butte IX, Forest Grove VII.

11181c. *C. trifasciata subversa* Lec. Very common throughout western part of the state. March to July and October.

———. *C. sp.?* Diamond Lake VI.

11190a. *Cycloneda munda polita* Csy. Generally distributed throughout the western part of the state; also counties: Sherman, Deschutes, Union, Baker, up to 3500 ft. From February to December. On *Pinus contorta* and *Quercus californica*.

11192. *Olla abdominalis* Say. Ashland II.

11193. *Adalia bipunctata* L. Generally distributed throughout the state all year.

———. *A. bipunctata quadrimaculata* Scop. Forest Grove IX (FS).

11194b. *A. frigida humeralis* Say. Phoenix VII, Hillsboro IV, Dayton VI, Pine Creek V, 5 m. e. of Dufur, Deschutes River nr. Redmond VII, Chewacuan River nr. Valley Falls, Corvallis II, V, Buena Vista VII, Talent III, Springfield X, Eagle Point IV, Bear Springs, Dayton, South Butte Forest Camp VII, Lakeview.

———. *A. frigida melanopleura* Lec. Corvallis IV-V, Forest Grove (S), Tygh Valley, McMinnville, Clackamas VII, Eugene VI, from *Pinus ponderosa* (Malkin), Union III, Baker, also *Q. garryana* and *Q. californica*.

11195. *A. annectans* Cr. Talent, Medford, Corvallis, Bear Springs, Dayton, Baker Pine Creek, Pleasant Valley, Independence VII, Forest Grove V (FS).

11196a. *Cleis picta minor* Csy. Generally distributed in western portion of the state. Also Deschutes Co., Umatilla Co., Hood River Co., Wasco Co., Baker Co., Klamath Co., Crater Lake N.P. Collected by *Buckhorn* (in the collection of Portland Forest Station) from *Pinus ponderosa* and by the writer from *Pinus ponderosa*, *Picea engelmani* and *Q. californica*. Up to 9800 ft.

11200. *Anisocalvia duodecimguttata* Gebl. Parkdale VII, Manzanita Beach VI, in sea drift (S), Devil's Lake (in Lincoln Co.), Dayton III, Marchfield V, Trout Camp 6 m. se. of Cascadia, Baker Pine Creek.

11201c. *Anisocalvia quatuordecimguttata victoriana* Csy. Corvallis V, Trout Lake Camp 6 m. e. of the Cascade Line, McMinnville, Boyer, Squaw River, Dayton V, Springfield V, Baker Pine Creek V.

11203. *Anatis rhatvoni* Lec. Western part of the state up to 9500 ft. Also counties: Wasco, Umatilla, Union, Wallowa, Baker, Grant, Klamath.

———. *A. ocellata mali* Say. Portland IV-V (on cut leaf of birch, *Shuh & Gray*), Dayton.

11206. *Neomysia subvittata* Lec. Vornonia IV, Corvallis V, Yachats IV, Mary's Peak VII (FS), Manzanita VI (FS), VII (FS), Bear Springs VII, McMinnville, Mt. Hood at 9000 ft., Lake of the Woods, Baker Pine Creek.

11214. *Axion plagiatum* Oliv. Corvallis V, VII, Alsea, McMinnville, Baker Pine Creek, Eugene VI, VII.

11217. *Chilocorus bivulnerus* L. Common throughout the western part of the state. Also: Klamath Co., Crook Co., and Wallowa Co. *Q. californica*.

11220c. *Exochomus marginipennis californicus* Cr. Wapinitia V, Prineville VII, 10 m. w. of Bend VI, 5 m. w. of Sisters VI, Corvallis V-VI, Bear Springs, Diamond Lake.

11225. *Brumus septentrionis* Ws. Counties: Deschutes, Crook, Baker, Grant, Lake, Klamath, Malheur.

The following 3 species may be found within the state:

10915. *Hyperaspis elliptica* Csy. Found in Wash. and Calif.

11156. *Macronemia episcopalis* (Kby.). Generally distributed throughout U. S. (Leng, l.c., p. 215).

11158. *Ceratomegilla fuscilabris* (Muls.). As above.

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